

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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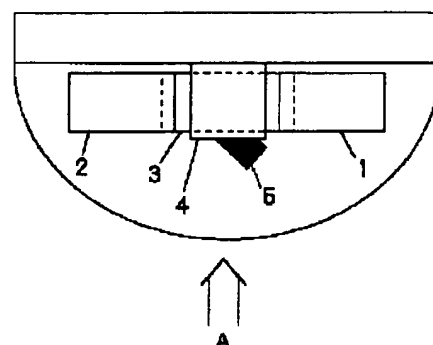
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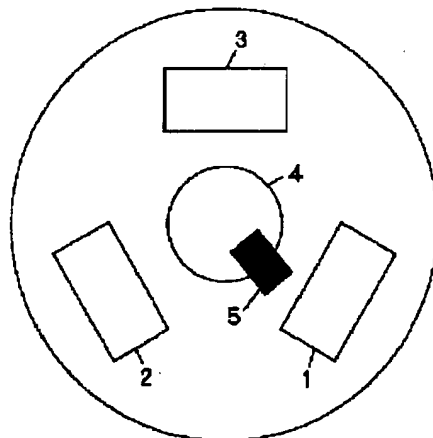
INT.CL. : G08B 13/196 G01J 1/02 G01V 8/12  
G08B 13/191 H04N 7/18

TITLE : CRIME PREVENTION DEVICE  
PROVIDED WITH THERMAL SENSOR  
AND MONITORING CAMERA

(a)



(b)



ABSTRACT : PROBLEM TO BE SOLVED: To provide a thermal sensor whose angular aperture of a visual field as a whole is about 360° and a monitoring camera and to turn the monitoring camera to the visual field direction of the thermal sensor which has outputted a signal.

SOLUTION: Each of thermal sensor parts 1 to 3 is provided with a pyroelectric element and a reflection mirror, and the visual field spread of a warning zone is made to be about 120°. The a turntable 4 is disposed in the part surrounded by the parts 1 to 3, and a monitoring camera 5 is fixed to the turntable 4 with a prescribed angle. When a controller receives an outputted signal from a signal processing circuit, the controller instructs a turntable driving part to turn the turntable so as to change the direction of the monitoring camera to the angle direction of the thermal sensor part corresponding to the signal processing circuit outputting the signal on the basis of the angle direction of the thermal sensor part corresponding to the signal processing circuit outputting the signal and the current angle detected by an angle detecting part.

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 6 215 519 B1 (NAYAR SHREE K ET AL) 10 April 2001 (2001-04-10)	1,3-5, 7-11, 20-22, 24,25, 27-33, 35-38, 40-42, 52-55	G08B13/196 G08B13/194
Y	* abstract *  * column 2, line 64 - column 3, line 27 * * column 4, lines 6-37 * * column 7, lines 30-48 * * column 8, lines 26-29 * * column 9, lines 32-45 * * column 10, lines 53-58 * * figures 1-4,6,7,15 *	2,6,12, 14-19, 23,24, 26,34, 43,45-51	
Y	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 15, 6 April 2001 (2001-04-06) & JP 2000 348267 A (ATSUMI ELECTRIC CO LTD), 15 December 2000 (2000-12-15) * abstract *	2,12, 14-19, 23,24, 43,45-51	TECHNICAL FIELDS SEARCHED (Int.Cl.7) G08B
Y	US 6 518 085 B1 (WANG CHING-CHUN ET AL) 11 February 2003 (2003-02-11) * abstract * * column 1, lines 16-37 *	6,26,34	
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 3 May 2005	Examiner Wright, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 05 00 2738

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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03-05-2005

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6215519	B1	10-04-2001	AU 2781499 A WO 9945511 A1	20-09-1999 10-09-1999
JP 2000348267	A	15-12-2000	NONE	
US 6518085	B1	11-02-2003	US 2003124753 A1	03-07-2003